

ABSTRACT

The invention relates to an integrated antenna for a portable computer. The portable computer has a display and a display frame. The integrated antenna comprises a first radiating metal strip, a second radiating metal strip, a ground plane, at least one first connecting metal strip and a second connecting metal strip. The first radiating metal strip is used to provide a first resonance, and the second radiating metal strip is used to provide a second resonance. The first connecting metal strip connects the first radiating metal strip and the second radiating metal strip. The second connecting metal strip connects the second radiating metal strip and the ground plane. The integrated antenna of the invention is mounted to the display frame of the portable computer. The ground plane of the antenna can provide with ground of the integrated antenna. The integrated antenna does not need to connect to a grounding terminal of the display frame, and the mounted position of the integrated antenna is adjustable. Besides, the integrated antenna can have stable electrical characteristics.